	<p>Name: Dr.Shriniwas.S.Metan</p> <p>Designation: Professor & Head of Department</p> <p>Qualification: B.E. (Mech); M.S. (Mechatronics) Aachen, Germany; PhD (NITK, Surathkal, India)</p> <p>Email-id : shrinivasmetan@orchidengg.ac.in</p> <p>Mobile No : 9552529283</p> <p>Age : 49 Years</p> <p>Total Experience: 26 Years (05 Years in Industry; 02 Years as a Research Assistant (Germany); 19 Years in Teaching) Teaching experience: 18 Years</p> <p>Date of Joining this Institution (NKOCET) : 22/12/2008</p> <p>Area of Interests: Mechatronics, Mechanical Engineering, Medi-Mechatronics</p>
<p>Education</p>	<p>Doctoral Research: PhD from NITK Surathkal, Karnataka in 2016</p> <p>Masters: MS from FH Aachen University Germany in 2008</p> <p>Bachelors: B.E. Shivaji University in 1994</p>
<p>Subject Taught</p>	<p>1) Mechatronics, 2) Automatic Control System, 3) Industrial Hydraulics and Pneumatics, 4) Heat and Mass Transfer, 5) Tool Engineering, 6) Machine Design, 7) Machine Drawing, 8) Engineering Graphics, 9) Basic Mechanical Engineering, 10) Energy Engineering, 11) Machine Design</p>
<p>Project Guided</p>	<p>PhD: 00</p> <p>Master's Degree Students: 03</p> <p>Bachelor's Degree Students: 38</p>
<p>Conferences / STTP /FDP/ Workshops</p>	<p>International Conferences: 10</p> <p>STTP : 08</p> <p>FDP : 14</p> <p>Workshops : 17</p> <p>Total : 49</p>

<p>Major Portfolios handled at College/ Department / University level</p>	<ol style="list-style-type: none"> 1) Study Abroad Cell In-Charge 2) First “Rainbow” Cultural Coordinator of Institute 3) First Technical Symposium “ORCHITECH” Coordinator of Institute 4) Dean R&D of the Institute. 5) Foundation Day Celebration Convener from inception. 6) Rotract Student Chapter In-Charge NSS 7) NBA, NAAC, IQAC Member 8) NBA Criterion – V Institute Coordinator 9) College Development Committee Member 10) Standing Committee Member 11) Grievance Committee Member 12) Local Selection Committee Member 13) University Selection Committee Member 14) Local Enquiry Committee, Solapur University. 15) University Representative, DBATU, 16) LIC committee Chairman, DBATU 17) LIC committee Member 18) Sr. Supervisor, Solapur University Exams 19) External Examiner, M Tech Thesis, RIT Sakhrle 20) PhD Grievance Committee Member Solapur University 21) Paper setter, for M. Tech and UG exams 22) Anti Ragging and Woman Harassment Committee Member 23) Cultural Coordinator (Institute Level)
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Association with Professional Bodies	<ol style="list-style-type: none"> 1) Member of Engineering Education National Board, SAE India (2019-2021) 2) Indian Society for Technical Education, Life Member LM 82157. 3) Institution of Engineers, Life Member M141015-0. 4) Indian Society for Mechanical Engineers, Life Member 1048. 5) Society of Automotive Engineers India, Life Membership 7170511886 6) Indian Society of Heating, Refrigerating and Air Conditioning Engineers Membership 59563 7) Technical Consultant Body in Saurabh Flexipack Sysytems Ltd, Pune. 8) Technical Consultant Body in Precise Industries Ltd, Solapur. 9) Committee Member of the Education and Students Engagement National Committee of “ASPIRE” (Automotive Solutions Portal for Industry, Research & Education) under Department of Heavy Industry (DHI), Govt. of India. 10) Technical Consultant Body in Aeronauts Start-up , Bangalore.
Research and Publications (if any)	<ol style="list-style-type: none"> 1. International Journal Publications: 21 2. Design Patent: 01 3. National Journal Publications: 01 4. International Conference: 02 5. National Conference: 01 6. Total: 25 <p>Google Scholar Citation: https://scholar.google.com/citations?user=UIgSLLkAAAAJ&hl=en </p>



Dr Shrinivas S Metan

N K Orchid College of Engineering and Technology
Verified email at orchidengg.ac.in

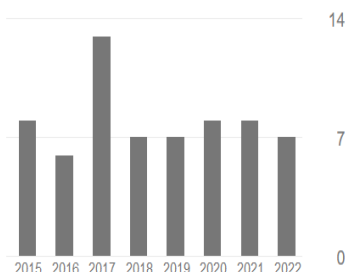
Medi-Mechatronics Solar Production MEMS



FOLLOW

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	All	Since 2017
Citations	65	50
h-index	5	5
i10-index	2	1



Co-authors

EDIT

Awards and Recognitions (if any)

1. **“The Most Influential Professor”** Award by World Education Congress on 6th July 2022.
2. **“The Best NGO Professor”** Award by the hands of Dr Anand Deshpande (CEO Persistent Systems, Pune) in the Connecting Startups with Corporates Conference organised by **J4E and DeAsra** in Pune on Saturday 16th July 2022.
3. **Pearson National Teacher Award** “Innovation Teaching in UG Level” in February 2015.
4. **“Best Teacher Award”**, NK Orchid Engineering College in the **academic year 2011-12 & 2013-14, 2017-18 and 2019-20** (Based on Performance Appraisal).
5. Received the **“Shikshak Ratna” (Best Teacher) award** from the Kasaba Peth Ganapati Mandal on 5th September 2019.
6. Acknowledged in **Silver Jubilee Celebration of SAEINIDA** in ARAI Chakan on 18th July 2022 by the Hands of Dr. Pavan Goenka (Ex. MD of Mahindra and Mahindra) for his Contribution in SAEINIDA from last 15+ years.
7. Convener for the **Second National Level SAEINDIA STUDENTS CONVENTION 2021** organized by SAEINDIA Western Section.
8. Recognised PhD Guide and P.G. Teacher
9. Recognised as SAE Panellist for SAE SUPRA Competition.

	<p>10. Recognised as a Jury Member for Dassault Systemes Akruti National Competition.</p> <p>11. Recognised as a Jury member of “AWIM” National Level Competition by SAE India.</p>
Achievements (if any)	<ol style="list-style-type: none"> 1. Invited as Technical Expert for the “Solidworks World 2019” in Dallas USA from 10th to 13th February 2019 with full Sponsorship from SolidWorks USA. 2. Invited as an Expert Panellist for the Second Edition of Knowledge Summit, a High Level Franco-Indian summit dedicated to Higher Education, Research and Innovation held on 17th & 18th October 2019 in Lyon, France, with full Sponsorship from French Embassy, India. 3. Team Leader for the Germany visit with 9 students of NK Orchid College of Engineering and Technology Solapur for Hannover Messe 2015, Germany, a global industrial fair 50% Sponsorship from NK Orchid College of Engineering & Technology, Solapur. 4. Member of Engineering Education Board, SAE India (2019), National Body comprising 15 members from Industries and Technical Institute. 5. Member of Global Team of Professor of Dassault Systemes Peer Learning Experience Learning Program from Dassault Systems France. 6. Study Abroad Cell Incharge from 2010 in NK Orchid College of Engineering & Technology, Solapur, till date 43 students have pursued Masters Degree from renowned Universities Abroad (USA, Germany, France, Sweden, Canada, Ireland, Belgium, Australia etc). 7. Convener for the Five Day Faculty Development Webinar on “Design and Development of Electric and Hybrid Electric Vehicle Technology” scheduled during 12th to 16th May 2020, organised by SAEINDIA, SAEINDIA WESTERN Section and NK Orchid College of Engineering & Technology Solapur. 8. Received the Certificate of Excellence for the Best demonstrable Project “2 Seater Solar Car” in ConnectNext Conference organized by La Fondation Dassault Systems.

	<p>9. Key Note Speaker and Convener for the 5 Days Faculty Development Webinar on “Design & Development of Electric and Hybrid Electric Vehicle Technology” organised by SAEINDIA and NKOCET during 12th to 17th of May 2020.</p> <p>10. Key Note Speaker and Convener for the 5 Days Faculty Development Webinar on "Digitizing Engineering Graphics Course", organised by AUTODESK, DBATU and NKOCET during 20th to 27th of July 2020.</p> <p>11. Key Note Speaker for the one week faculty orientation program on “Mechtronics and Industrial Automation” from 4th January to 8th January 2021, organised by Sharad Institute of Technology, Yadrav, Ichalkaranji, Kolhapur.</p> <p>12. Keynote Speaker on “Developing Smart Infrastructure ensuring Sustainable Development Goals” on Thursday 27th May 2021. The Webinar series, which have launched for “Guiding Students to Select Meaningful Engineering Projects” on the national platform by La Fondation Dassault Systemes, Pune.</p> <p>13. Keynote Speaker and panellist for AutoDesk University Conclave on Shaping the future education together on 20th November 2020.</p> <p>14. Keynote Speaker and Resource Person for 5 Days Faculty Development Program on “Digitising Engineering Graphics” from 20th July to 24th July 2020 organised by Dr Babasaheb Ambedkar Technical University in association with Autodesk.</p> <p>15. Team Mentor of “Team Mechanizer's” from Mechanical Engineering Department NK Orchid College of Engineering and Technology Solapur Won the National Competition Aakruti 2021 Event from Dassault Systemes Pune.</p> <p>16. Team Mentor of the E Vehicle Solution to Pollution who has won the Prizes in Sustainability Development in the International Project of the Year Competition by Dassault Systemes on 09/07/2022.</p> <p>17. Team Mentor for the Design and Development of Community Based Solar Charging Station, was shortlisted in the Final for top the 10 Incubation Support Team in the KPIT Sparkle 2022 National Competition by KPIT.</p> <p>18. One of the Key Note Speaker and presented Innovative Solar Projects in “Meet La Fondation” Program of La Fondation Dassault Systems across Globe on April 7, 2022. From INDIA, France and USA one project each was nominated for the presentation.</p>
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	<p>19. Faculty Ambassador for creating awareness and promoting Aakruti 2022 in and around Maharashtra State. NK Orchid College of Engineering is Institute Partner for Dassault Systemes “Aakruti 2022”.</p> <p>20. Panel Member on “University Collaborations for Emerging Technologies and Future Skilling between India and French Universities” organised in collaboration with French Embassy and Dassault Systemes India on 22nd October 2021.</p> <p>21. Guest of Honour at SAE L.D. College of Engineering, Ahmedabad on “UMANG 21”, National Event on 1st November 2021.</p>
Research Project Grants (If any)	<ol style="list-style-type: none"> 1. A MODROB Grants of 20,00000/- (Twenty Lakhs Rs) was received from AICTE for the development of “Product Innovation Centre” in the academic year 2021-22. I am the Chief Investigator for this funding. 2. A Research grant of 37,40000/- (Thirty-seven Lakh Forty Thousand Rs) was received from the La Fondation Dassault Systemes for the development of “Solar Domain Industry Ready Products” in the academic year 2020-21. The basic purpose of this research fund is to produce 09 Solar domain products from the Solar Research Center and create a well-equipped Solar Laboratory for the Research work and industry work. I am the Chief Investigator for this funding. 3. A Research grant of 11,80000/- (Eleven Lakhs Eighty Thousand Rs) was received from the La Fondation Dassault Systemes for the development of “Community Based Solar Tree”, which will provide electricity to the rural and remote areas especially to the farmers community in the academic year 2020-21. 4. A Research grant of 24,80000/- (Twenty-Four Lakh Eighty Thousand Rs) was received from the La Fondation Dassault Systemes for the development of “Solar Research Center” in the academic year 2018-19. The basic purpose of this lab is to produce Solar Ready Engineers per Annum and create a well-equipped Solar Laboratory for the Research work and industry work. I am the Chief investigator for this funding. 5. A grant of 1,50000/- (One Lakh Fifty Thousand Rs) was received from Tata Technologies Ltd, Pune under Prayatna Scholarship for the innovation and development of SUPRA vehicle. I am the Principal Investigator for this funding. 6. A 3D Printing Machine 3,50000/- (Three Lakhs Fifty Thousand Rs) along with 5 latest Desktops set up 5,00000/- (Five Lakhs Rs) funding

	<p>was received from the Dassault Systems Ltd, Pune. I am the Chief investigator for this funding.</p> <p>7. A Lab Setup for “PLEXP Faculty Advisors” funded by Dassault Systems La Fondation. High configured Desktops (LENOVO Work Stations) with 3D Experience Licence Copies. Funding worth 5,00000/- (Five Lakhs Rs) for PCS and @ 8,00000/- (Eight Lakhs Rs) for the software licence by Dassault Systems La Fondation. I am the Chief investigator for this funding.</p> <p>8. A grant of 150000/- (One Lakh Fifty Thousand Rs) was received from Tata Technologies Ltd, Pune under Prayatna Scholarship for the innovation and development of “ARKAYANAM A Two Seater Solar Vehicle.” I am the Principal Investigator for this funding.</p> <p>TRAVEL GRANTS:</p> <p>9. Received a Travel & Stay Grant worth 250000/- (Two Lakhs Fifty Thousand Rs) from Dassault Systems, USA for attending the “Solid works World 2019” in Dallas USA from 10th to 13th February 2019 as a Technical Expert.</p> <p>10. Received a Travel & Stay Grant worth 1,50000/- (One Lakh Fifty Thousand Rs) from French Embassy India, for attending the second edition of Knowledge Summit, a high level Franco-Indian summit dedicated to higher education, research and innovation held on 17th & 18th October 2019 in Lyon, France.</p>
Any Other Information	“Teaching is my Passion & Sharing Knowledge is my Mtto”
Link to personal website/Blog(If any)	<p>Facebook Page: https://www.facebook.com/shrinwasm</p> <p>LinkedIn: https://www.linkedin.com/in/dr-shriniwas-metan-a1791124/</p>

Dr.Shriniwas S Metan